

09/751,877

=> d his

(FILE 'HOME' ENTERED AT 20:23:56 ON 30 NOV 2002)

FILE 'REGISTRY' ENTERED AT 20:27:12 ON 30 NOV 2002

L1 11 S MASMAAVLTWALALLSAFSA/SQSP  
L2 14 S DDLWEDITHSLHDQGHSHLGDP/SQSP  
L3 8 S L1 AND L2

FILE 'CAPLUS, USPATFULL' ENTERED AT 20:30:17 ON 30 NOV 2002

L4 14 S L3  
L5 4 S L4 AND (NEOPLAS? OR CYTOTOX? OR APOPTO? OR TUMO? OR CANCER?)  
L6 4 DUP REM L5 (0 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 20:33:24 ON 30 NOV 2002

L7 0 S L4 AND GSSP(W)2

FILE 'CAPLUS, USPATFULL' ENTERED AT 20:36:06 ON 30 NOV 2002

L8 4 S L4 AND GSSP(W)2

FILE 'REGISTRY' ENTERED AT 20:37:44 ON 30 NOV 2002

L9 1 S 461060-46-8/RN

FILE 'CAPLUS, USPATFULL' ENTERED AT 20:39:53 ON 30 NOV 2002

L10 11 DUP REM L4 (3 DUPLICATES REMOVED)  
L11 8 S L10 NOT L8

FILE 'REGISTRY' ENTERED AT 20:42:04 ON 30 NOV 2002

FILE 'STNGUIDE' ENTERED AT 20:42:08 ON 30 NOV 2002

=>

09/751,877

=> d his

(FILE 'HOME' ENTERED AT 20:23:56 ON 30 NOV 2002)

FILE 'REGISTRY' ENTERED AT 20:27:12 ON 30 NOV 2002

L1 11 S MASMAAVLTWALALLSAFSA/SQSP  
L2 14 S DDLWEDITHSLHDQGHSHLGDP/SQSP  
L3 8 S L1 AND L2

FILE 'CAPLUS, USPATFULL' ENTERED AT 20:30:17 ON 30 NOV 2002

L4 14 S L3  
L5 4 S L4 AND (NEOPLAS? OR CYTOTOX? OR APOPTO? OR TUMO? OR CANCER?)  
L6 4 DUP REM L5 (0 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 20:33:24 ON 30 NOV 2002

L7 0 S L4 AND GSSP(W)2

FILE 'CAPLUS, USPATFULL' ENTERED AT 20:36:06 ON 30 NOV 2002

L8 4 S L4 AND GSSP(W)2

FILE 'REGISTRY' ENTERED AT 20:37:44 ON 30 NOV 2002

L9 1 S 461060-46-8/RN

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L3 ANSWER 3 OF 8 REGISTRY COPYRIGHT 2002 ACS  
 RN 461060-46-8 REGISTRY  
 FS PROTEIN SEQUENCE  
 SQL 366

## PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	US6455280
	claimed
	SEQID 3

SEQ3 1 Met-Ala-Ser-Met-Ala-Ala-Val-Leu-Thr-Trp-  
 11 Ala-Leu-Ala-Leu-Leu-Ser-Ala-Phe-Ser-Ala-  
 21 Thr-Gln-Ala-Arg-Lys-Gly-Phe-Trp-Asp-Tyr-  
 31 Phe-Ser-Gln-Thr-Ser-Gly-Asp-Lys-Gly-Arg-  
 41 Val-Glu-Gln-Ile-His-Gln-Gln-Lys-Met-Ala-  
 51 Arg-Glu-Pro-Ala-Thr-Leu-Lys-Asp-Ser-Leu-  
 61 Glu-Gln-Asp-Leu-Asn-Asn-Met-Asn-Lys-Phe-  
 71 Leu-Glu-Lys-Leu-Arg-Pro-Leu-Ser-Gly-Ser-  
 81 Glu-Ala-Pro-Arg-Leu-Pro-Gln-Asp-Pro-Val-  
 91 Gly-Met-Arg-Arg-Gln-Leu-Gln-Glu-Glu-Leu-  
 101 Glu-Glu-Val-Lys-Ala-Arg-Leu-Gln-Pro-Tyr-  
 111 Met-Ala-Glu-Ala-His-Glu-Leu-Val-Gly-Trp-  
 121 Asn-Leu-Glu-Gly-Leu-Arg-Gln-Gln-Leu-Lys-  
 131 Pro-Tyr-Thr-Met-Asp-Leu-Met-Glu-Gln-Val-  
 141 Ala-Leu-Arg-Val-Gln-Glu-Leu-Gln-Glu-Gln-  
 151 Leu-Arg-Val-Val-Gly-Glu-Asp-Thr-Lys-Ala-  
 161 Gln-Leu-Leu-Gly-Gly-Val-Asp-Glu-Ala-Trp-  
 171 Ala-Leu-Leu-Gln-Gly-Leu-Gln-Ser-Arg-Val-  
 181 Val-His-His-Thr-Gly-Arg-Phe-Lys-Glu-Leu-  
 191 Phe-His-Pro-Tyr-Ala-Glu-Ser-Leu-Val-Ser-  
 201 Gly-Ile-Gly-Arg-His-Val-Gln-Glu-Leu-His-  
 211 Arg-Ser-Val-Ala-Pro-His-Ala-Pro-Ala-Ser-  
 221 Pro-Ala-Arg-Leu-Ser-Arg-Cys-Val-Gln-Val-  
 231 Leu-Ser-Arg-Lys-Leu-Thr-Leu-Lys-Ala-Lys-  
 241 Ala-Leu-His-Ala-Arg-Ile-Gln-Gln-Asn-Leu-  
 251 Asp-Gln-Leu-Arg-Glu-Glu-Leu-Ser-Arg-Ala-  
 261 Phe-Ala-Gly-Thr-Gly-Thr-Glu-Glu-Gly-Ala-  
 271 Gly-Pro-Asp-Pro-Gln-Met-Leu-Ser-Glu-Glu-  
 281 Val-Arg-Gln-Arg-Leu-Gln-Ala-Phe-Arg-Gln-  
 291 Asp-Thr-Tyr-Leu-Gln-Ile-Ala-Ala-Phe-Thr-  
 301 Arg-Ala-Ile-Asp-Gln-Glu-Thr-Glu-Glu-Val-  
 311 Gln-Gln-Gln-Leu-Ala-Pro-Pro-Pro-Gly-  
 321 His-Ser-Ala-Phe-Ala-Pro-Glu-Phe-Gln-Gln-  
 331 Thr-Asp-Ser-Gly-Lys-Val-Leu-Ser-Lys-Leu-  
 341 Gln-Ala-Arg-Leu-Asp-Asp-Leu-Trp-Glu-Asp-  
 351 Ile-Thr-His-Ser-Leu-His-Asp-Gln-Gly-His-  
 361 Ser-His-Leu-Gly-Asp-Pro

HITS AT: 1-20, 345-366

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FILE 'CAPLUS' ENTERED AT 20:36:06 ON 30 NOV 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 20:36:06 ON 30 NOV 2002  
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 14 and gssp(w)2  
L8 4 L4 AND GSSP(W) 2

=> d 18 abs ibib hitrn 1-4

L8 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS  
AB The invention provides the genomic sequence of **GSSP-2**,  
**GSSP-2** cDNAs and **GSSP-2** polypeptides. Further the invention provides polynucleotides including biallelic markers derived from the **GSSP-2** gene and from genomic regions flanking the gene. This invention also provides polynucleotides and methods suitable for genotyping a nucleic acid mol. contg. sample for one or more biallelic markers of the invention. Further, the invention provides methods to detect a statistical correlation between a biallelic marker allele and a phenotype and/or between a biallelic marker haplotype and a phenotype. The invention also concerns methods and compns. for killing neoplastic cells or inhibiting neoplastic cell growth. In particular, the present invention concerns cell proliferation arresting/inhibiting and apoptosis/necrosis inducing compns. and methods for the treatment of tumors. The present invention is directed to novel polypeptides and to nucleic acid mols. encoding those polypeptides.

ACCESSION NUMBER:

2002:730421 CAPLUS

DOCUMENT NUMBER:

137:243181

TITLE:

Protein and cDNA sequences of human protein **GSSP-2** and uses thereof for cancer diagnosis and therapy and drug screening

INVENTOR(S):

Edwards, Jean-Baptiste Dumas Milne; Duclert, Aymeric; Bougueret, Lydie; Clusel, Catherine

PATENT ASSIGNEE(S):

Genset S.A., Fr.

SOURCE:

U.S., 130 pp., Cont.-in-part of U.S. Ser. No. 599,362.

CODEN: USXXAM

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6455280	B1	20020924	US 2000-750580	20001228
WO 2000037491	A2	20000629	WO 1999-IB2058	19991220
WO 2000037491	A3	20010920		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				

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DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

WO 2001000803 A2 20010104 WO 2000-IB1011 20000621

WO 2001000803 A3 20011227

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,  
CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,  
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,  
LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,  
SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,  
ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1998-113686P P 19981222  
US 1999-141032P P 19990625  
WO 1999-IB2058 A2 19991220  
US 1999-469099 A2 19991221  
US 2000-599362 A2 20000621  
WO 2000-IB1011 A2 20000621

IT 461060-46-8P

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);  
DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL  
(Biological study); PREP (Preparation); USES (Uses)  
(amino acid sequence; protein and cDNA sequences of human protein  
**GSSP-2** and uses thereof for cancer diagnosis and  
therapy and drug screening)

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS

AB The invention provides the genomic sequence of **GSSP-2**,  
**GSSP-2** cDNAs and **GSSP-2**  
polypeptides. Further the invention provides polynucleotides including  
biallelic markers derived from the **GSSP-2** gene and  
from genomic regions flanking the gene. This invention also provides  
polynucleotides and methods suitable for genotyping a nucleic acid mol.  
contg. sample for one or more biallelic markers of the invention.  
Further, the invention provides methods to detect a statistical  
correlation between a biallelic marker allele and a phenotype and/or  
between a biallelic marker haplotype and a phenotype. The invention also  
concerns methods and compns. for killing neoplastic cells or inhibiting  
neoplastic cell growth. In particular, the present invention concerns  
cell proliferation arresting/inhibiting and apoptosis/necrosis inducing  
compns. and methods for the treatment of tumors. The present invention is  
directed to novel polypeptides and to nucleic acid mols. encoding those  
polypeptides.

ACCESSION NUMBER: 2002:521983 CAPLUS

DOCUMENT NUMBER: 137:89465

TITLE: Protein and cDNA sequences of novel human protein  
**GSSP-2** and uses thereof for cancer

diagnosis and therapy and drug screening  
INVENTOR(S): Yen-Potin, Frances; Denison, Blake; Bour, Barbara;  
Bihain, Bernard; Dumas Milne Edwards, Jean-Baptiste;  
Duclert, Aymeric; Bougueret, Lydie; Ebbets-Reed,  
Dana; Salter-Cid, Luisa; Clusel, Catherine

PATENT ASSIGNEE(S): Genset, Fr.

SOURCE: PCT Int. Appl., 231 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002053734	A2	20020711	WO 2001-IB1111	20010523
WO 2002053734	A3	20021010		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002142949	A1	20021003	US 2000-751877	20001228

PRIORITY APPLN. INFO.: US 2000-751877 A 20001228

IT 441818-61-7P, Protein **GSSP-2** (human)  
 RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);  
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (amino acid sequence; protein and cDNA sequences of novel human protein  
**GSSP-2** and uses thereof for cancer diagnosis and  
 therapy and drug screening)

L8 ANSWER 3 OF 4 USPATFULL

AB The invention provides the genomic sequence of **GSSP-2**,  
**GSSP-2** cDNAs and **GSSP-2** polypeptides. Further the invention provides polynucleotides including biallelic markers derived from the **GSSP-2** gene and from genomic regions flanking the gene. This invention also provides polynucleotides and methods suitable for genotyping a nucleic acid molecule containing sample for one or more biallelic markers of the invention. Further, the invention provides methods to detect a statistical correlation between a biallelic marker allele and a phenotype and/or between a biallelic marker haplotype and a phenotype. The invention also concerns methods and compositions for killing neoplastic cells or inhibiting neoplastic cell growth. In particular, the present invention concerns cell proliferation arresting/inhibiting and apoptosis/necrosis inducing compositions and methods for the treatment of tumors. The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:259377 USPATFULL  
 TITLE: Methods and compositions for inhibiting neoplastic cells growth  
 INVENTOR(S): Yen, Frances, San Diego, CA, UNITED STATES  
 Denison, Blake, San Diego, CA, UNITED STATES  
 Bour, Barbara, San Diego, CA, UNITED STATES  
 Bihain, Bernard, Encinitas, CA, UNITED STATES  
 Edwards, Jean-Baptiste Dumas Milne, Paris, FRANCE  
 Duclert, Aymeric, Saint-Maur, FRANCE  
 Bougueret, Lydie, Petit Lancy, SWITZERLAND  
 Ebbets-Reed, Dana, Encinitas, CA, UNITED STATES

Salter-Cid, Luisa, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002142949	A1	20021003
APPLICATION INFO.:	US 2000-751877	A1	20001228 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	GENSET, JOHN LUCAS, PHD, J.D., 10665 SORRENTO VALLEY RD, SAN DIEGO, CA, 92121		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Page(s)		
LINE COUNT:	11080		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT 441818-61-7P, Protein GSSP-2 (human)	(amino acid sequence; protein and cDNA sequences of novel human protein GSSP-2 and uses thereof for cancer diagnosis and therapy and drug screening)		

L8 ANSWER 4 OF 4 USPATFULL

AB The invention provides the genomic sequence of **GSSP-2**, **GSSP-2** cDNAs and **GSSP-2** polypeptides. Further the invention provides polynucleotides including biallelic markers derived from the **GSSP-2** gene and from genomic regions flanking the gene. This invention also provides polynucleotides and methods suitable for genotyping a nucleic acid molecule containing sample for one or more biallelic markers of the invention. Further, the invention provides methods to detect a statistical correlation between a biallelic marker allele and a phenotype and/or between a biallelic marker haplotype and a phenotype. The invention also concerns methods and compositions for killing neoplastic cells or inhibiting neoplastic cell growth. In particular, the present invention concerns cell proliferation arresting/inhibiting and apoptosis/necrosis inducing compositions and methods for the treatment of tumors. The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:246560 USPATFULL  
 TITLE: Methods and compositions for inhibiting neoplastic cell growth  
 INVENTOR(S): Edwards, Jean-Baptiste Dumas Milne, Paris, FRANCE  
 Duclert, Aymeric, Saint-Maur, FRANCE  
 Bougueret, Lydie, PetitLancy, SWITZERLAND  
 Clusel, Catherine, Montreuil-sous-Bois, FRANCE  
 PATENT ASSIGNEE(S): Genset S.A., Paris, FRANCE (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6455280	B1	20020924
APPLICATION INFO.:	US 2000-750580		20001228 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-599362, filed on 21 Jun 2000 Continuation-in-part of Ser. No. WO 2000-IB1011, filed on 21 Jun 2000 Continuation-in-part of Ser. No. US 1999-469099, filed on 21 Dec 1999 Continuation-in-part of Ser. No. WO 1999-IB2058, filed on 20 Dec 1999		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-141032P US 1998-113686P	19990625 (60) 19981222 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Bansal, Geetha P.	
ASSISTANT EXAMINER:	Davis, Natalie	
LEGAL REPRESENTATIVE:	Lucas, John M., Follette, Peter, Voellmy, Lukas R.	
NUMBER OF CLAIMS:	2	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 11 Drawing Page(s)	
LINE COUNT:	10937	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
IT 461060-46-8P	(amino acid sequence; protein and cDNA sequences of human protein GSSP-2 and uses thereof for cancer diagnosis and therapy and drug screening)	